

December 11, 2000. This Application also claims the benefit of priority from U.S. Patent Application No. 09/718,407, filed November 24, 2000. ”

A copy of the first page of the application setting forth the above is attached hereto.

Kindly issue a corrected filing receipt.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Sol Sheinbein', with a stylized, flowing script.

Sol Sheinbein
Registration No. 25,457

Date: October 21, 2003



UNITED STATES PATENT AND TRADEMARK OFFICE

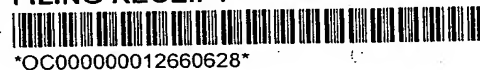
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/764,503	01/27/2004	1635	0.00	26946	48	131	21

CONFIRMATION NO. 9267

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FILING RECEIPT



OC000000012660628

Date Mailed: 05/14/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

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Domestic Priority data as claimed by applicant

This application is a CIP of 10/441,281 05/20/2003

Foreign Applications

If Required, Foreign Filing License Granted: 03/26/2004

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

Methods and systems for identifying naturally occurring antisense transcripts and methods, kits and arrays utilizing same

Preliminary Class

514

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Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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APPLICATION FOR PATENT

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Galit Rotman

Title: METHODS AND SYSTEMS FOR IDENTIFYING
NATURALLY OCCURRING ANTISENSE TRANSCRIPTS
AND METHODS, KITS AND ARRAYS UTILIZING SAME

This is a continuation-in-part of U.S. Pat. Application No. 10/441,281, filed 20
May, 2003, which claims priority from PCT Patent Application No. IL02/00904, filed
November 11, 2002, which claims priority from U.S. Patent Application No.
10/201,605, filed July 24, 2002, which is a continuation-in-part of U.S. Patent
Application No. 09/993,398, filed November 26, 2001, which is a continuation-in-part
of U.S. Patent Application No. 09/907,923, filed July 18, 2001, which is a
continuation-in-part of U.S. Patent Application No. 09/785,439, filed February 20,
2001, which is a continuation-in-part of U.S. Patent Application No. 09/732,938, filed
December 11, 2000. This Application also claims the benefit of priority from U.S.
Patent Application No. 09/718,407, filed November 24, 2000.

BACKGROUND AND FIELD OF THE INVENTION

The present invention relates to the field of naturally occurring, antisense
transcripts. More particularly, the present invention relates to methods of identifying
naturally occurring antisense transcripts, databases storing polynucleotide sequences
encoding identified naturally occurring antisense transcripts, oligonucleotides derived
therefrom and methods and kits utilizing same.

Naturally occurring antisense RNA transcripts are endogenous transcripts,
which exhibit complementarity to sense transcripts of which are typically of a known
function. It has been established that these endogenous antisense transcripts play an
important role in regulating prokaryotic gene expression and are increasingly
implicated as involved in eukaryotic gene regulation.

Cis-encoded antisense transcripts are encoded by the same locus as the sense
transcripts and are transcribed from strand of DNA opposite to that encoding the sense
transcript; as such, *cis* encoded antisense transcripts are typically completely
complementary with a portion of the sense transcript. *Trans*-encoded antisense
transcripts are by contrast, transcripts, which are encoded on a different locus and as
such, may display only partial complementarity with a sense transcript.